

WWWW

Semi – Annual Compliance Report

40 CFR Part 63, Subpart WWWW – National Emission Standards for Hazardous Air Pollutants for Reinforced Plastic Composites Production

Report Date:					
<i>Reports must be postmarked or delivered no later than January 31 and July 31</i>					
Reporting Period		From		To	
Company Name:					
Address:					
Official's		I certify that the content of this report is truthful, accurate and complete.			
		Name:			
		Title:			
		Signature:			
Yes	No	(1) Does the above facility use add-on controls to achieve compliance with organic HAP limits? If "Yes", facility must report and attach all relevant requirements per 63.5910.			
Yes	No	(2) Did the above facility have any deviations from any organic HAP emission limitations that apply?			
Yes	No	(3) Did the above facility have any deviations from any work practice standards in Table 4?			
Attachment		If "Yes" to (2) or (3) above attach the following: a) Total operating time of each affected source during the reporting period b) Information on the number, duration, and cause of deviations (including unknown cause, if applicable), as applicable, and the corrective action taken			
Attachment		(4) List of all resins and gelcoats used during the compliance period and identify their application method			
a		Method used to demonstrate continuous compliance with organic HAP limit:			
b		a) Demonstrate that an individual resin or gel coat, as applied, meets the applicable emission limit in Table 3 or 5			
c		b) Demonstrate that, on average, you meet the individual organic HAP emissions limits for each combination of operation type and resin application method or gel coat type			
d		c) Demonstrate compliance with a weighted average emission limit. Demonstrate each month that you meet each weighted average of the organic HAP emission limit in Table 3 or 5 to this subpart that apply to you			
Attachment		d) Meet the organic HAP emissions limit for one application method and use the same resin(s) for all application methods of that resin type.			
Attachment		Proof of compliance with organic HAP emissions limit per Table 3 and monthly emission calculation data.			
All deviations as defined in this subpart must be included in the Title V semiannual monitoring report.					

TABLE 4 TO SUBPART WWWW OF PART 63.—WORK PRACTICE STANDARDS

For . . .	You must . . .
1. a new or existing closed molding operation using compression/injection molding.	uncover, unwrap or expose only one charge per mold cycle per compression/injection molding machine. For machines with multiple molds, one charge means sufficient material to fill all molds for one cycle. For machines with robotic loaders, no more than one charge may be exposed prior to the loader. For machines fed by hoppers, sufficient material may be uncovered to fill the hopper. Hoppers must be closed when not adding materials. Materials may be uncovered to feed to slitting machines. Materials must be recovered after slitting.
2. a new or existing cleaning operation	not use cleaning solvents that contain HAP, except that styrene may be used as a cleaner in closed systems, and organic HAP containing cleaners may be used to clean cured resin from application equipment. Application equipment includes any equipment that directly contacts resin.
3. a new or existing materials HAP-containing materials storage operation.	keep containers that store HAP-containing materials closed or covered except during the addition or removal of materials. Bulk HAP-containing materials storage tanks may be vented as necessary for safety.
4. an existing or new SMC manufacturing operation	close or cover the resin delivery system to the doctor box on each SMC manufacturing machine. The doctor box itself may be open.
5. an existing or new SMC manufacturing operation	use a nylon containing film to enclose SMC.
6. all mixing or BMC manufacturing operations ¹	use mixer covers with no visible gaps present in the mixer covers, except that gaps of up to 1 inch are permissible around mixer shafts and any required instrumentation.
7. all mixing or BMC manufacturing operations ¹	close any mixer vents when actual mixing is occurring, except that venting is allowed during addition of materials, or as necessary prior to adding materials or opening the cover for safety. Vents routed to a 95 percent efficient control device are exempt from this requirement.
8. all mixing or BMC manufacturing operations ¹	keep the mixer covers closed while actual mixing is occurring except when adding materials or changing covers to the mixing vessels.
9. a new or existing pultrusion operation manufacturing parts that meet the following criteria: 1,000 or more reinforcements or the glass equivalent of 1,000 ends of 113 yield roving or more; and have a cross sectional area of 60 square inches or more that is not subject to the 95 percent organic HAP emission reduction requirement.	<ul style="list-style-type: none"> i. not allow vents from the building ventilation system, or local or portable fans to blow directly on or across the wet-out area(s), ii. not permit point suction of ambient air in the wet-out area(s) unless that air is directed to a control device, iii. use devices such as deflectors, baffles, and curtains when practical to reduce air flow velocity across the wet-out area(s), iv. direct any compressed air exhausts away from resin and wet-out area(s), v. convey resin collected from drip-off pans or other devices to reservoirs, tanks, or sumps via covered troughs, pipes, or other covered conveyance that shields the resin from the ambient air, vi. cover all reservoirs, tanks, sumps, or HAP-containing materials storage vessels except when they are being charged or filled, and vii. cover or shield from ambient air resin delivery systems to the wet-out area(s) from reservoirs, tanks, or sumps where practical.

¹Containers of 5 gallons or less may be open when active mixing is taking place, or during periods when they are in process (i.e., they are actively being used to apply resin). For polymer casting mixing operations, containers with a surface area of 500 square inches or less may be open while active mixing is taking place.